

DevOps

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Introduction

Nexus

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1. Introduction

This article is about Nexus. It manages binaries and build artifacts across your software supply chain.

There are two versions

- Commercial - Nexus Repository Pro
- Free - Nexus Repository OSS

2. Nexus Repository OSS

The free artifact repository with universal format support.

[Official Site](#)

2.1. Installation

[Installation Methods](#)

2.1.1. Windows

- Download package

- Unzip package to a chosen folder Example: F:\Applications\nexus-3.24.0-02-win64
- Tree structure

Example:

```
/f/Applications/nexus-3.24.0-02-win64
$ tree -L 2
.
|-- nexus-3.24.0-02
|   |-- NOTICE.txt
|   |-- OSS-LICENSE.txt
|   |-- PRO-LICENSE.txt
|   |-- bin
|   |-- deploy
|   |-- etc
|   |-- jre
|   |-- lib
|   |-- public
|   `-- system
`-- sonatype-work
```

- The Nexus Repository Manager executable nexus.exe can be found inside the bin directory
- It could be run with the following command. When run like this Nexus is started in shell window.

```
nexus.exe /run
```

- The application can be accessed once the log shows the message "Started Sonatype Nexus". The running application can be stopped using CTRL+C at the appropriate console.
- The nexus.exe executable can be used to manage the repository manager as a service with the /start, /stop, /restart, /force-reload and /status commands.

2.2. Accessing the User Interface

- Once the repository manager is started, the application is listening on the configured IP address range and port. By default any IP address and port 8081 are used.

```
URL http://<server_host>:<port> e.g. http://localhost:8081/
```

- The repository manager installation includes an administrative user with full access. Its username is **admin** and the initial password can be found in an **admin.password** file in the **\$data-dir** directory. You can sign in with the button on the top right corner of the user interface.